

**BARNES & THORNBURG**

11 South Meridian Street  
Indianapolis, Indiana 46204  
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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group: 1634

Attorney

Docket: 7475-29603

Applicant: Carl T. Wittwer et al.

Invention: **System And Method For Monitoring  
PCR Processes**

Serial No: 08/869,275

Filed: June 4, 1997

Examiner: A. Marschel

Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as first  
class mail in an envelope addressed to Assistant  
Commissioner for Patents, Washington, D.C. 20231

on August 13, 1999

Garla L. Twyman  
Garla L. Twyman

Dated: August 13, 1999

RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed July 1, 1999, Applicants submit the  
following amendments and remarks.

In the Claims

Please cancel claims 1-12, 36-54, 60-78, 83-86 and 93-117 without prejudice to  
filing one or more divisional applications.

REMARKS

Applicants affirm the election of claims 13-35, 55-59, 79-82, and 87-92 without  
traverse to prosecute the invention of Group II.

Patent Application

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Transmittal Date: August 13, 1999

Applicant: Carl T. Wittwer et al.

Serial No.: 08/869,275

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Title: SYSTEM AND METHOD FOR MONITORING PCR PROCESS

Group: 1634

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Attorney Docket No.: 7475-29603

ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below.

CLAIMS AS AMENDED							
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL ENTITY		OTHER	
TOTAL CLAIMS	38	117		Rate x \$9		Rate x \$18	-0-
INDEP. CLAIMS	6	17		Rate x \$39		Rate x \$78	-0-
TOTAL FEE FOR ADDITIONAL CLAIMS							-0-

\* If the "Highest Number Previously Paid For" in this space is less than 20, write "20" in this space.

\*\* If the "Highest Number Previously Paid For" in this space is less than 3, write "3" in this space.

\_\_\_\_\_ An Extension of Time for \_\_\_\_\_ months  
is hereby requested under 37 C.F.R. § 1.136(a).  
The required fee for filing this extension is:

TOTAL FEE THIS AMENDMENT \_\_\_\_\_

\_\_\_\_\_ A check in the amount of \$ \_\_\_\_\_  
to cover the total fee for this amendment is attached.

\_\_\_\_\_ Statement(s) of Status as Small Entity Under  
37 C.F.R. 1.27 has (have) been filed.

\_\_\_\_\_ Statement(s) of Status as Small Entity Under  
37 C.F.R. 1.27 is (are) being submitted herewith.  
x 37 CFR §1.17(p)

The Commissioner is hereby authorized to charge any additional filing fees under 37 C.F.R. §1.16 or processing fees under 37 C.F.R. §1.17 which may be required, or credit of any overpayment, to Account No. 10-0435. A duplicate copy of this sheet is enclosed.

Steven R. Lammert  
Attorney of Record

Printed Name Steven R. Lammert

Registration No. 27,253